

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A fabric product comprising:

a fabric layer having a plurality of high strength and high modulus fibers, the plurality of fibers impregnated by an impregnation compound with the fabric layer coated on each side with the impregnation compound, where the impregnation compound is derived from a mixture comprising:

a pre-polymer comprises an isocynate having an equivalent weight of 42, the pre-polymer having an isocynate content of 6.34;

a co-reactant curative having an equivalent weight of 230; and

a diluent, said diluent solvating the mixture of said pre-polymer and said curative, and wherein said impregnation compound has a curative stoichiometry range of less than 85 percent,

wherein the high strength and high modulus fibers comprise at least one of aramid fibers or aromatic polyester fibers,

wherein the ratio of said curative to said pre-polymer is derived from the formula

$$\frac{6.34 \times 0.75 \times 230}{42} = \text{parts by weight of curative per 100 parts of pre-polymer}$$

wherein the pre-polymer comprises an isocynate and where 6.34 is the isocynate content of the pre-polymer, 0.75 is the desired stoichiometry of the mixture, 230 is the equivalent weight of the curative and 42 is the equivalent weight of the isocynate.

2. (Previously Presented) The fabric product of claim 1 wherein said impregnation compound has a curative stoichiometry range of approximately 75 percent.

Claims 3 and 4 (Cancelled)

5. (Previously Presented) The fabric product of claim 1 wherein the pre-polymer comprises a urethane pre-polymer.

6. (Previously Presented) The fabric product of claim 1 wherein said diluent comprises a solvent.

Claims 7 to 18 (Cancelled)

19. (Currently Amended) A fabric product comprising at least one resin fabric piece, said resin fabric piece comprising:

a resin impregnated fabric layer comprising high strength and high modulus fibers and having a resin impregnated therein;

a first resin layer having a resin disposed on a first side of said resin impregnated fabric

layer; and

a second resin layer having a resin disposed on a second side of said resin impregnated fabric layer, wherein the resin is derived from a mixture comprising:

a pre-polymer comprises an isocynate having an equivalent weight of 42, the pre-polymer having an isocynate content of 6.34;

a co-reactant curative having an equivalent weight of 230; and

a diluent, said diluent solvating the mixture of said pre-polymer and said curative, and wherein said impregnation compound has a curative stoichiometry range of less than 85 percent,

wherein the high strength and high modulus fibers comprise at least one of aramid fibers or aromatic polyester fibers;

wherein said resin has a ratio of said curative to said pre-polymer in accordance with the formula

$$\frac{6.34 \times 0.75 \times 230}{42} = \text{parts by weight of curative per 100 parts of pre-polymer}$$

where the pre-polymer comprises an isocynate and where 6.34 is the isocynate content of the pre-polymer, 0.75 is the desired stoichiometry of the mixture, 230 is the equivalent weight of the curative and 42 is the equivalent weight of the isocynate.

20. (Original) The fabric product of claim 19 wherein said resin has a curative stoichiometry range of approximately 75 percent.

Claim 21 (Cancelled)

22. (Previously Presented) The fabric product of claim 19 further comprising a second resin fabric piece disposed along a surface of said second resin layer.

23. (Cancelled)

24. (Previously Presented) The fabric product of claim 1 wherein the aramid fibers comprise polyaramid polyparaphenylene terephthalamide fibers.

25. (Cancelled)

26. (Previously Presented) The fabric product of claim 1 wherein the aromatic polyester fibers comprise polyester-polyarylate fibers.

27. (Cancelled)

28. (Previously Presented) The fabric product of claim 19 wherein the aramid fibers comprise polyaramid polyparaphenylene terephthalamide fibers.

29. (Cancelled)

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Page : 6 of 10

Attorney's Docket No.: RTN-194AUS

30. (Previously Presented) The fabric product of claim 19 wherein the aromatic polyester fibers comprise polyester-polycarbonate fibers.

Claims 31 to 36 (Cancelled)